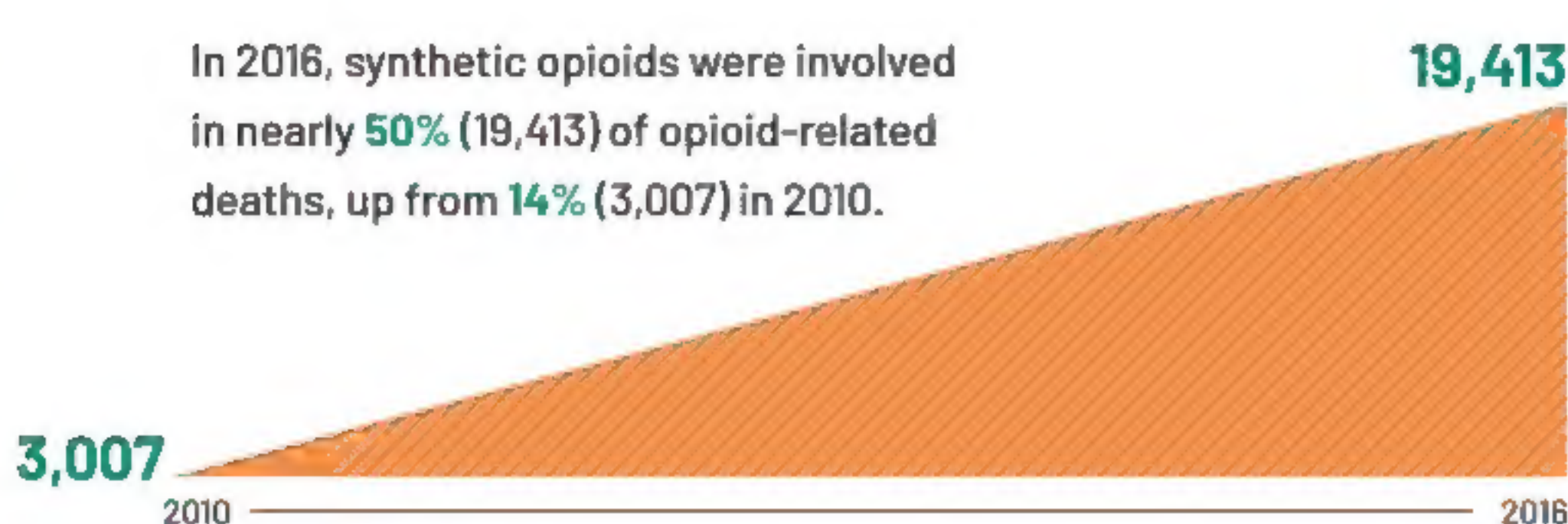


FENTANYL AND OTHER SYNTHETIC OPIOIDS DRUG OVERDOSE DEATHS

RECENT TRENDS

In 2016, synthetic opioids (primarily illegal fentanyl) passed prescription opioids as the most common drugs involved in overdose deaths in the United States.

In 2016, synthetic opioids were involved in nearly **50%** (19,413) of opioid-related deaths, up from **14%** (3,007) in 2010.

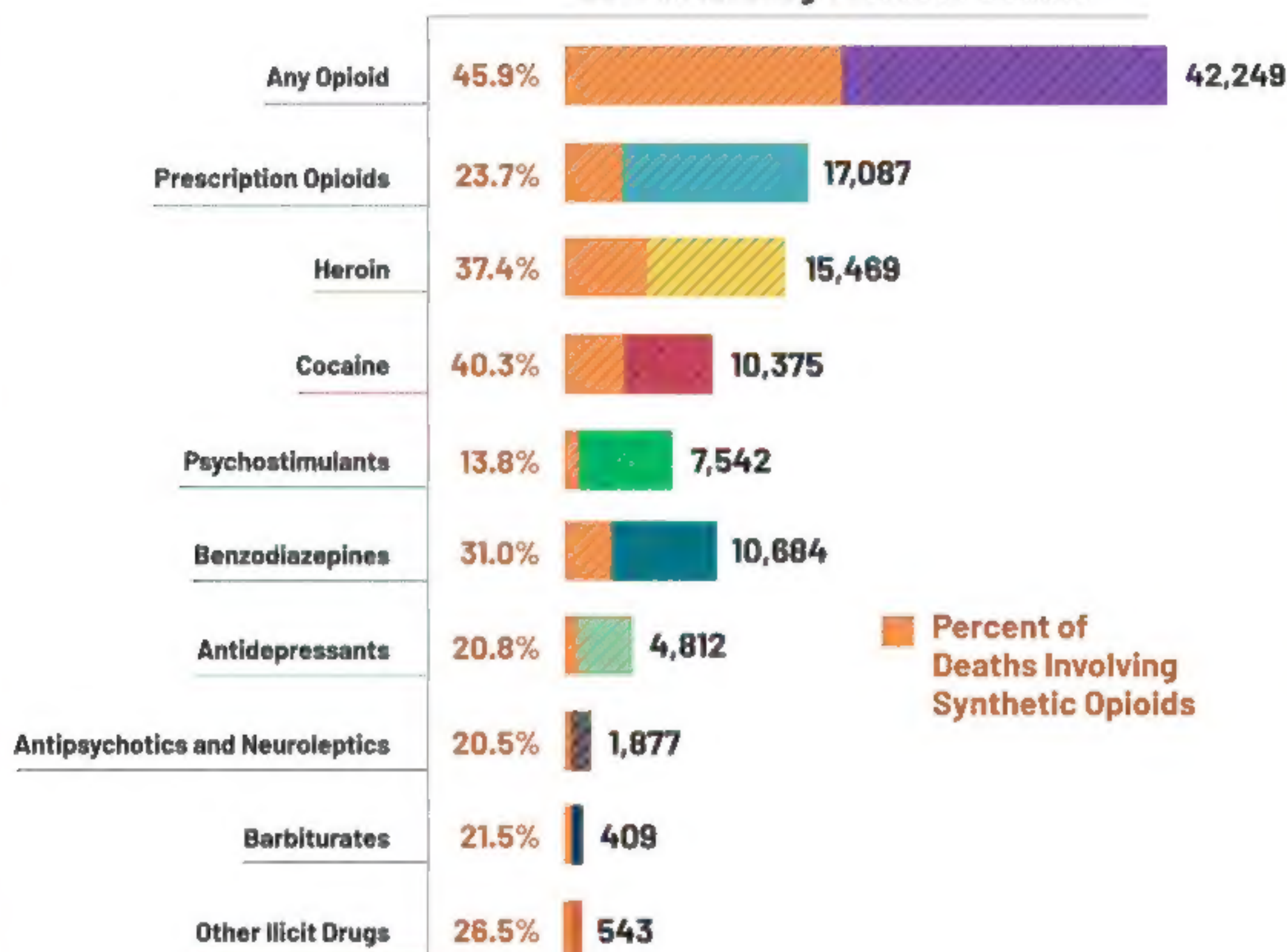


This infographic summarizes mortality data from 2010-2016. Please note, 15 to 25 percent of death certificates analyzed did not indicate the type of drug involved in the overdose. This was because drug tests were not conducted or there was a failure to record test results on death certificates.

Source: Jones CM, Einstein EB, Compton WM. Changes in Synthetic Opioid Involvement in Drug Overdose Deaths in the United States, 2010-2016. JAMA. 2018;318(17):1819-1821.

SYNTHETIC OPIOIDS LINKED TO OVERDOSE DEATHS WITH OTHER SUBSTANCES

2016 Total Drug Overdose Deaths

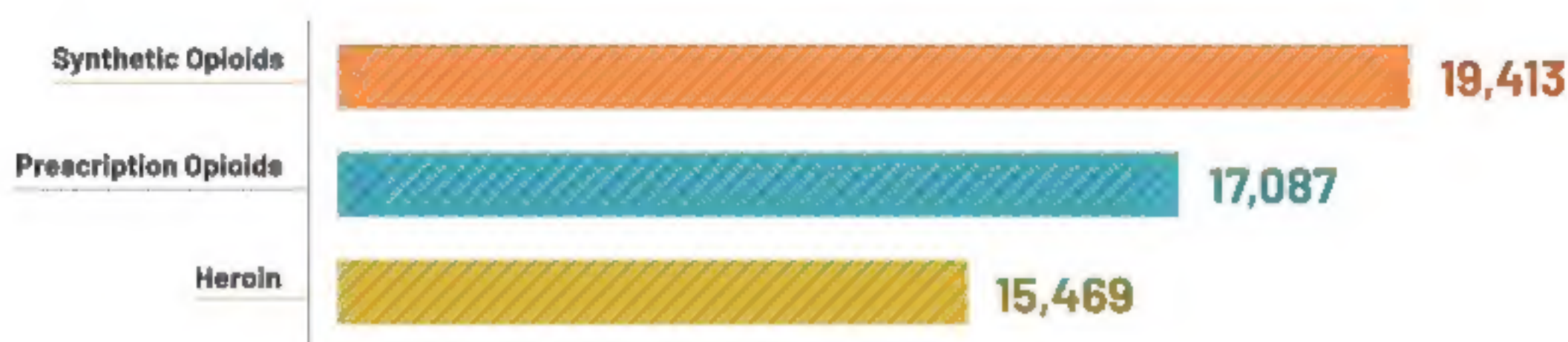


Deaths are not mutually exclusive. Deaths involving more than one drug or drug class are counted multiple times.

Source: Jones, C.M., Einstein, E.B., Compton, W.M. Changes in Synthetic Opioid Involvement in Drug Overdose Deaths in the United States, 2010-2016. 2018.

TYPE OF OPIOID INVOLVED IN OPIOID-RELATED OVERDOSE DEATHS

Among the **42,249** opioid-related overdose deaths in 2016, **19,413** involved synthetic opioids, **17,087** involved prescription opioids, and **15,469** involved heroin.



Deaths are not mutually exclusive. Deaths involving more than one drug or drug class are counted multiple times.

Source: Jones, C.M., Einstein, E.B., Compton, W.M. Changes in Synthetic Opioid Involvement in Drug Overdose Deaths in the United States, 2010-2016. 2018.

HHS RESPONSE TO THE OPIOID CRISIS

- 1** improving access to treatment and recovery services
- 2** promoting use of overdose-reversing drugs
- 3** strengthening our understanding of the epidemic through better public health surveillance
- 4** providing support for cutting-edge research on pain and addiction
- 5** advancing better practices for pain management

